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PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF LEVELS AND TRENDS

DATA FOR DECEMBER 1986

JOB SERVICE

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COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY

In cooperation with the United States Bureau of Labor Statistics

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– EXPLANATORY –

INDUSTRY EMPLOYMENT

Employment data refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives ".

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing, to:
PENNSYLVANIA OFFICE OF EMPLOYMENT SECURITY
COOPERATING REPRESENTATIVE
U.S. BUREAU OF LABOR STATISTICS
LABOR AND INDUSTRY BUILDING - ROOM 1200
HARRISBURG, PENNSYLVANIA 17121
or telephone: 717 – 787-6466

PENNSYLVANIA EMPLOYMENT AND EARNINGS
FOURTH QUARTER 1986

PENNSYLVANIA'S JOBLESS VOLUME LOWEST SINCE 4TH QUARTER 1974
RATE LOWEST SINCE 3RD QUARTER 1974

The volume of unemployment (not adjusted for seasonality) among Commonwealth residents fell for the third consecutive quarter totaling 304,000 during the fourth quarter 1986. This represents the lowest quarterly jobless volume since the fourth quarter of 1974 when 296,000 Pennsylvanians were unemployed. Pennsylvania's most current quarterly rate (unadjusted) of 5.5 percent is also lowest since the third quarter of 1974's 4.8 percent.

Most current monthly data gathered from the Current Population Survey (CPS) and released by the U.S. Department of Labor reveal a substantial December drop in unemployment statewide. At 256,000 during the report week in December, the unadjusted jobless volume plummeted by 76,000 over the month to attain the lowest jobless figure since September 1974 when 241,000 Pennsylvanians were without jobs and seeking work. While an unemployment drop of this magnitude is welcome news, it is not supported this month by state Office of Employment Security unemployment compensation claims data. Unemployment claims actually show a December rise. With this in mind, January statistics may reveal an upward compensation for December's perceived underestimated joblessness. Last year at this time there were 405,000 Pennsylvanians unemployed. Resident employment, not adjusted for seasonality, fell by 47,000 during December to a level of 5,182,000. Despite the drop, employment in Pennsylvania remains 43,000 above the total of December 1985.

Reacting to a strong downturn in the jobless volume, the rate of unemployment (not seasonally adjusted) diminished by 1.3 percentage points over the month to a December figure of 4.7 percent, lowest since May 1974. Also noteworthy is the fact that Pennsylvania's most current 4.7 percent rate marks the first occurrence of sub-five percent joblessness in the Commonwealth in over twelve years.

Seasonally adjusted unemployment likewise fell by 69,000 in December to a total of 279,000. This, too, is the lowest unemployed volume since September 1974 (seasonally adjusted) when 265,000 were recorded as unemployed. Falling dramatically by 1.2 percentage points, the seasonally adjusted rate of unemployment moved to 5.1 percent in December, lowest since August 1974 when an identical 5.1 percent of Pennsylvania's labor force were unemployed. The Commonwealth's December adjusted jobless rate is 1.6 percentage points below the U.S. rate of 6.7 percent and marks the seventh consecutive month that the state rate was below that of the nation.

Seasonally adjusted employment among Commonwealth residents rose in December to a total of 5,180,000, up 31,000 from November ... 76,000

over-the-year. The rise in adjusted employment indicates that Pennsylvania's aforementioned (unadjusted) employment loss was less than typically occurs statewide during the November-December time frame.

NONAGRICULTURAL JOBS DIP SEASONALLY IN DECEMBER

Influenced by normal seasonal downturns within the industries of contract construction and apparel and other textile products, the number of nonagricultural wage and salary jobs in Pennsylvania business establishments declined by 5,900 since November to 4,898,500 in December. Paralleling the typical November-December job loss of previous years, this decline is in no way indicative of cloudiness on the state's economic horizon. In fact, Pennsylvania's businesses are now supplying some 71,400 more jobs than they were one year ago.

Payroll employment levels within manufacturing continued to retreat in December slipping by 2,600 to a total of 1,032,400 jobs. In fueling the net manufacturing downturn, nondurable goods industries dropped an equal number (2,600) from payrolls which totaled 450,700 in December. Statewide job levels within durable goods industries remained static at 581,700. Paced by a seasonal loss of 1,100 jobs in women's and misses' outerwear, apparel and other textile products (within nondurables) reported a December job loss of 1,800 to a total of 88,700. Elsewhere among nondurables, the food and kindred products line revealed a loss of 900 since November as preserved fruits and vegetables and bakery products each pared 500 from December payrolls.

Despite additional temporary holiday hiring among the state's retail trade establishments, a net December job loss of 3,700 was reported among nonmanufacturing industries statewide. At 3,855,600 during December, nonmanufacturing jobs remain a substantial 103,000 above the total of one year ago. A look at specific industries within the division reveals a welcome gain of 5,600 jobs in the state's department stores. This gain, however, fell far short of countering the combined weather related job cutbacks of 6,200 in heavy construction contractors, 4,400 in special trade contractors and 3,200 within the general building contractors industry line. These "larger scale" movements dominated statewide nonmanufacturing statistics in December. Additional job developments of significance occurred in state and local government down 2,100 jobs (all in state education); mining, off 800 jobs (400 in bituminous coal and lignite mining, 300 in nonmetallic minerals); and services, down a net 500. Within services, health services remained strong at 410,800 jobs statewide following a December rise of 700 while educational services added 1,000 to payrolls this month. Job losses within services occurred primarily in hotels and lodging (-400), recreation services (-500), and other services (-1,400).

MANUFACTURING HOURS AND EARNINGS POST GAINS IN DECEMBER

A longer workweek and higher hourly earnings among Pennsylvania production workers in both durable and nondurable goods industries led manufacturing paychecks to average $406.23 per week in December, a gain

of $7.21 since November. Last year at this time average weekly earnings were $399.34. In achieving the upturn, factory hours rose by 0.4 hour to 41.2 while the manufacturing hourly rate jumped 8 cents since November to $9.86.

Factory hours among durable goods industries averaged 42.3 in December, a gain of 0.3 hour. Special industrial machinery within the nonelectrical machinery industry line enjoyed the longest workweek in December, averaging 45.6 hours. This was followed by screw machinery products (45.1) and plumbing and heating, except electrical (45.0), both in the fabricated metal products line. The shortest workweek among reporting durable goods industries occurred in railroad equipment within transportation equipment at 38.0 hours. Paced by earnings of $13.95 per hour in blast furnace and basic steel, December hourly earnings among durable goods industries averaged $10.59, a gain of 6 cents. The combined effect of these movements caused durable goods weekly earnings to average $447.96 in December.

Not to be outdone, production workers in Pennsylvania's nondurable goods industries saw an average of $6.72 more in their December weekly paychecks as the average workweek expanded by 0.4 hour to 39.9 while the hourly rate rose by 8 cents to $8.91. The longest workweek among surveyed nondurable goods industries occurred in paper mills, within paper products line. Paper mills production workers averaged a 50.0 hour workweek in December while earning $11.42 per hour. Workers in women's and misses' outerwear within apparel and related products averaged a 32.2 hour workweek at the opposite extreme in December. These workers averaged $5.62 per hour, a drop of 1 cent since November. Net hourly earnings among nondurable goods industries rose to $8.91 in December, a monthly gain of 8 cents. Due to the overall rise in the hourly rate and average workweek, nondurable goods workers received $355.51 in their pay for December, up $6.72 since November.

QUARTERLY AVERAGE ADJUSTED UNEMPLOYMENT NUMBER AND RATE
BY MAJOR LABOR MARKET AREAS: FOURTH QUARTER 1985 AND 1986, THIRD QUARTER 1986

LABOR MARKET AREA	FOURTH QUARTER 1986		THIRD QUARTER 1986		FOURTH QUARTER 1985	
	UNEMP. NUMBER	UNEMP. RATE	UNEMP. NUMBER	UNEMP. RATE	UNEMP. NUMBER	UNEMP. RATE
UNITED STATES	8,138.0	6.9	8,182.0	6.9	8,162.0	7.0
PENNSYLVANIA	327.0	5.9	379.0	6.7	433.0	7.8
ALLENTOWN-BETHLEHEM MSA	18.1	5.8	22.6	7.2	27.0	8.6
ALTOONA MSA	4.5	7.7	5.0	8.5	5.9	10.2
BEAVER COUNTY MSA	6.7	10.5	6.8	10.5	10.1	15.1
ERIE MSA	9.9	7.8	11.6	9.0	10.4	8.3
HARRISBURG-LEB.-CARLISLE MSA	11.4	3.8	13.9	4.6	16.1	5.5
JOHNSTOWN MSA	7.9	8.6	9.9	10.4	11.9	12.6
LANCASTER MSA	6.0	2.9	7.5	3.6	8.2	4.1
PHILADELPHIA PMSA	110.0	4.7	120.7	5.1	134.1	5.8
PITTSBURGH PMSA	68.7	7.2	75.3	7.8	84.2	8.8
READING MSA	8.5	5.2	10.3	6.1	12.1	7.4
SCRANTON--WILKES-BARRE MSA	24.4	7.3	28.7	8.4	30.3	9.0
SHARON MSA	4.0	8.2	4.2	8.4	4.5	9.3
STATE COLLEGE MSA	3.0	7.5	3.5	6.2	4.4	8.0
WILLIAMSPORT MSA	3.8	6.8	3.7	6.5	4.7	8.7
YORK MSA	9.5	4.7	10.8	5.2	13.4	6.7

FOURTH QUARTER 1986 AVERAGES ARE PRELIMINARY AND SUBJECT TO REVISION

SEASONALLY ADJUSTED UNEMPLOYMENT RATES
FOR UNITED STATES AND PENNSYLVANIA

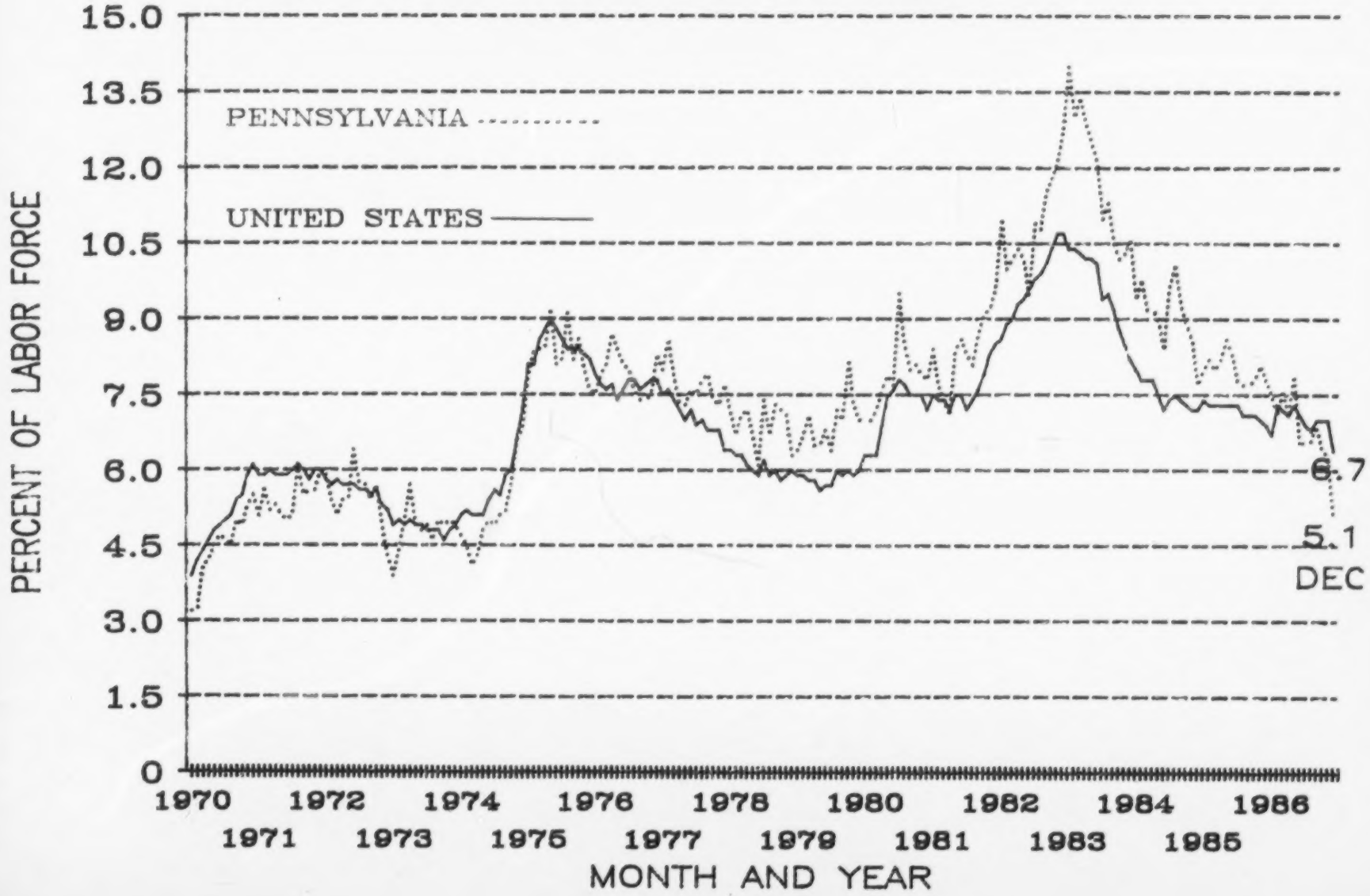

TABLE 1

PENNSYLVANIA AND UNITED STATES EMPLOYMENT DATA
ANNUAL AVERAGES: 1972-1985, MONTHLY DATA: OCT. 1985-DEC.1986
AND QUARTERLY AVERAGES: 1985 AND 1986
(Employment and Unemployment in Thousands)

	[----------Pennsylvania----------]					[----------United States----------]				
YEAR	CIVILIAN LABOR FORCE	TOTAL EMPLOY-MENT	TOTAL UNEMP. VOLUME	UNADJ. UNEMP. RATE	SEA.ADJ. UNEMP. RATE	CIVILIAN LABOR FORCE	TOTAL EMPLOY-MENT	TOTAL UNEMP. VOLUME	UNADJ. UNEMP. RATE	SEA.ADJ UNEMP. RATE
1972	4,884	4,620	265	5.4		87,034	82,153	4,882	5.6	
1973	4,999	4,756	242	4.8		89,429	85,064	4,365	4.9	
1974	5,052	4,792	259	5.1		91,949	86,794	5,156	5.6	
1975	5,096	4,672	423	8.3		93,775	85,846	7,929	8.5	
1976	5,127	4,721	407	7.9		96,158	88,752	7,406	7.7	
1977	5,205	4,804	401	7.7		99,009	92,017	6,991	7.1	
1978	5,303	4,936	367	6.9		102,251	96,048	6,202	6.1	
1979	5,358	4,988	370	6.9		104,962	98,824	6,137	5.8	
1980	5,434	5,009	425	7.8		106,940	99,303	7,637	7.1	
1981	5,476	5,018	458	8.4		108,670	100,397	8,273	7.6	
1982	5,489	4,889	599	10.9		110,204	99,526	10,678	9.7	
1983	5,505	4,855	650	11.8		111,550	100,834	10,717	9.6	
1984	5,479	4,981	498	9.1		113,544	105,005	8,539	7.5	
1985	5,519	5,077	442	8.0		115,461	107,150	8,312	7.2	
1985 OCT.	5,601	5,203	397	7.1	7.8	116,346	108,428	7,917	6.8	7.1
NOV.	5,489	5,073	416	7.6	8.1	116,097	108,282	7,815	6.7	7.0
DEC.	5,545	5,139	405	7.3	7.8	115,780	108,063	7,717	6.7	6.9
1986 JAN.	5,477	5,033	444	8.1	7.5	115,431	106,959	8,472	7.3	6.7
FEB.	5,491	5,040	451	8.2	7.1	115,725	106,685	9,041	7.8	7.3
MAR.	5,611	5,166	445	7.9	7.6	116,309	107,643	8,667	7.5	7.2
APR.	5,581	5,189	392	7.0	7.1	116,317	108,201	8,115	7.0	7.1
MAY	5,637	5,204	433	7.7	7.9	117,199	109,041	8,158	7.0	7.3
JUNE	5,676	5,260	417	7.3	6.5	119,644	110,869	8,775	7.3	7.1
JULY	5,753	5,366	387	6.7	6.6	120,303	111,832	8,471	7.0	6.9
AUG.	5,754	5,390	364	6.3	6.6	119,471	111,515	7,955	6.7	6.8
SEP.	5,640	5,278	362	6.4	6.9	118,244	110,229	8,015	6.8	7.0
OCT.	5,611	5,289	322	5.7	6.4	118,699	110,857	7,842	6.6	6.9
NOV.	5,561	5,229	332	6.0	6.3	118,623	110,751	7,872	6.6	6.9
DEC.	5,439	5,182	256	4.7	5.1	118,049	110,588	7,461	6.3	6.7
1985										
1ST QTR.	5,404	4,929	475	8.8	8.0	113,820	104,934	8,886	7.8	7.3
2ND QTR.	5,544	5,069	475	8.6	8.6	115,263	106,958	8,305	7.2	7.3
3RD QTR.	5,666	5,247	419	7.4	7.6	116,689	108,450	8,239	7.1	7.2
4TH QTR.	5,583	5,174	409	7.3	7.8	116,074	108,258	7,816	6.7	7.0
1986										
1ST QTR.	5,526	5,079	447	8.1	7.4	115,822	107,096	8,727	7.5	7.1
2ND QTR.	5,632	5,218	414	7.4	7.2	117,720	109,370	8,349	7.1	7.2
3RD QTR.	5,716	5,345	371	6.5	6.7	119,339	111,192	8,147	6.8	6.9
4TH QTR.	5,537	5,234	304	5.5	5.9	118,457	110,732	7,725	6.5	6.9

TABLE 2
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA
BY INDUSTRY LINE: FOURTH QUARTER 1986
(Employment in thousands)

INDUSTRY LINE	DEC 1986 P\	NOV 1986	OCT 1986	DEC 1985	---NET CHANGE--- NOV 1986	DEC 1985
NONAGRICULTURAL WAGE AND SALARY	4898.5	4904.4	4892.5	4827.1	-5.9	71.4
MANUFACTURING INDUSTRIES	1032.4	1035.0	1037.0	1072.3	-2.6	-39.9
DURABLE GOODS	581.7	581.7	582.3	615.2	0.0	-33.5
LUMBER AND WOOD PRODUCTS	27.1	27.2	27.1	24.5	-0.1	2.6
MILLWORK,PLYWOOD & STRUCTURE	8.0	8.0	8.0	7.4	0.0	0.6
OTHER LUMBER & WOOD PRODUCTS	19.1	19.2	19.1	17.1	-0.1	2.0
FURNITURE AND FIXTURES	19.1	19.2	18.9	20.8	-0.1	-1.7
HOUSEHOLD FURNITURE	8.1	8.0	7.8	7.9	0.1	0.2
OFFICE FURNITURE	4.9	4.9	4.8	5.7	0.0	-0.8
OTHER FURNITURE & FIXTURES	6.1	6.3	6.3	7.2	-0.2	-1.1
STONE, CLAY, AND GLASS PRODS.	47.9	48.0	47.7	46.9	-0.1	1.0
GLASS, PRESSED OR BLOWN	11.5	11.6	11.5	11.8	-0.1	-0.3
GLASS CONTAINERS	5.7	5.6	5.6	5.9	0.1	-0.2
PRESSED & BLOWN GLASS,NEC	5.8	6.0	5.9	5.9	-0.2	-0.1
CEMENT, HYDRAULIC	2.1	2.1	2.1	2.1	0.0	0.0
STRUCTURAL CLAY	4.9	4.8	4.7	4.8	0.1	0.1
POTTERY & RELATED PRODUCTS	3.7	3.7	3.6	3.5	0.0	0.2
CONCRETE, GYPSUM & PLASTER	8.1	8.2	8.3	7.4	-0.1	0.7
OTHER STONE, CLAY & GLASS	17.6	17.6	17.5	17.3	0.0	0.3
PRIMARY METALS	83.6	83.5	84.5	99.0	0.1	-15.4
BLAST FURNACE & BASIC STEEL	49.4	49.0	49.9	63.0	0.4	-13.6
BLAST FURN. & STEEL MILLS	41.1	40.9	41.7	54.5	0.2	-13.4
OTHER BASIC STEEL PRODUCTS	8.3	8.1	8.2	8.5	0.2	-0.2
IRON AND STEEL FOUNDRIES	9.7	9.7	9.8	10.5	0.0	-0.8
NONFERROUS ROLLING & DRAWING	12.1	12.2	12.3	12.6	-0.1	-0.5
NONFERROUS FOUNDRIES	5.5	5.5	5.5	5.5	0.0	0.0
OTHER PRIMARY METALS	6.9	7.1	7.0	7.4	-0.2	-0.5
FABRICATED METAL PRODUCTS	87.6	87.8	87.9	92.1	-0.2	-4.5
METAL CANS & SHIPPING CONTRS	2.8	2.8	2.8	2.8	0.0	0.0
CUTLERY, TOOLS & HARDWARE	5.2	5.3	5.3	5.5	-0.1	-0.3
PLUMBING & HEATING, EXC. EL.	2.4	2.3	2.3	2.2	0.1	0.2
FAB. STRUCTURAL METAL PROD.	32.7	33.0	32.7	32.7	-0.3	0.0
FAB. STRUCTURAL METAL	5.8	5.9	5.8	5.8	-0.1	0.0
FAB. PLATE WORK	7.0	7.0	7.0	7.9	0.0	-0.9
OTHER FAB. STRUC. PRODUCTS	19.9	20.1	19.9	19.0	-0.2	0.9
SCREW MACHINERY PRODUCTS	6.1	6.0	6.0	6.2	0.1	-0.1
METAL FORGINGS & STAMPINGS	13.1	13.4	13.5	15.3	-0.3	-2.2
METAL SERVICES & ORDNANCE	8.1	8.1	8.3	8.7	0.0	-0.6
MISC. FABRICATED METAL PROD.	17.2	16.9	17.0	18.7	0.3	-1.5

P\ Preliminary data, subject to revision.

TABLE 2
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA
BY INDUSTRY LINE: FOURTH QUARTER 1986
(Employment in thousands)

INDUSTRY LINE	DEC 1986 P\	NOV 1986	OCT 1986	DEC 1985	---NET CHANGE--- NOV 1986	DEC 1985
VALVES & PIPE FITTINGS	6.6	6.6	6.7	7.1	0.0	-0.5
OTHER MISC. FAB. METALS	10.6	10.3	10.3	11.6	0.3	-1.0
NONELECTRICAL MACHINERY	103.8	103.6	104.2	111.3	0.2	-7.5
ENGINES AND TURBINES	3.8	3.8	4.1	4.9	0.0	-1.1
FARM & GARDEN MACHINERY	2.9	2.9	3.0	3.1	0.0	-0.2
CONSTRUCTION & RELATED MACH.	14.6	14.4	14.5	16.1	0.2	-1.5
METAL WORKING MACHINERY	17.4	17.4	17.4	18.6	0.0	-1.2
SPECIAL INDUSTRIAL MACHINERY	7.8	7.9	8.1	8.7	-0.1	-0.9
GENERAL INDUSTRIAL MACHINERY	20.3	20.3	20.3	21.6	0.0	-1.3
OFFICE & COMPUTER MACHINERY	14.5	14.6	14.6	14.3	-0.1	0.2
REFRIG. & SERV. MACHINERY	8.8	8.6	8.5	9.5	0.2	-0.7
MISC. MACHINERY, EXC. ELEC.	13.7	13.7	13.7	14.5	0.0	-0.8
ELECTRIC AND ELECTRONIC MACH.	97.7	97.2	96.7	100.4	0.5	-2.7
ELECTRICAL DISTRIBUTING EQ.	7.0	7.0	7.0	7.8	0.0	-0.8
ELECTRICAL INDUSTRIAL APPAR.	15.6	15.5	15.5	16.5	0.1	-0.9
HOUSEHOLD APPLIANCES	2.3	2.3	2.1	2.0	0.0	0.3
ELECTRICAL LIGHTING & WIRING	19.4	19.4	19.6	20.7	0.0	-1.3
CURRENT CARRYING DEVICES	11.0	11.0	11.0	11.6	0.0	-0.6
OTHER LIGHTING & WIRING	8.4	8.4	8.6	9.1	0.0	-0.7
COMMUNICATION EQUIPMENT	11.3	11.4	11.3	10.7	-0.1	0.6
ELECTRONIC COMPONENTS & ACC.	31.7	31.3	31.3	33.2	0.4	-1.5
OTHER ELECTRICAL EQUIPMENT	10.4	10.3	9.9	9.5	0.1	0.9
TRANSPORTATION EQUIPMENT	58.7	58.9	59.4	62.8	-0.2	-4.1
MOTOR VEHICLES AND EQUIPMENT	20.6	20.9	21.6	24.6	-0.3	-4.0
MOTOR VEHICLE PARTS & ACC.	9.2	9.3	9.8	10.4	-0.1	-1.2
OTHER MOTOR VEHICLES & EQ.	11.4	11.6	11.8	14.2	-0.2	-2.8
AIRCRAFT AND PARTS	11.2	11.2	11.0	10.5	0.0	0.7
SHIP & BOAT BUILDING & REPR.	2.4	2.4	2.4	1.7	0.0	0.7
RAILROAD EQUIPMENT	8.0	8.0	8.1	11.0	0.0	-3.0
OTHER TRANSPORTATION EQUIP.	16.5	16.4	16.3	15.0	0.1	1.5
INSTRUMENTS AND RELATED PROD.	36.1	36.0	35.9	37.7	0.1	-1.6
MEASURING & CONTROLLING DEV.	15.7	15.6	15.7	16.8	0.1	-1.1
MEDICAL INSTRUMENTS & SUPPL.	10.9	11.0	10.9	11.4	-0.1	-0.5
OTHER INSTRUMENTS & RELATED	9.5	9.4	9.3	9.5	0.1	0.0
MISCELLANEOUS MANUFACTURES	20.1	20.3	20.0	19.7	-0.2	0.4
NONDURABLE GOODS	450.7	453.3	454.7	457.1	-2.6	-6.4
FOOD AND KINDRED PRODUCTS	93.8	94.7	95.1	92.6	-0.9	1.2
MEAT PRODUCTS	14.5	14.5	14.3	13.7	0.0	0.8
DAIRY PRODUCTS	10.5	10.5	10.6	10.5	0.0	0.0
FLUID MILK	5.0	5.0	5.1	5.0	0.0	0.0
OTHER DAIRY PRODUCTS	5.5	5.5	5.5	5.5	0.0	0.0

P\ Preliminary data, subject to revision.

TABLE 2
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA
BY INDUSTRY LINE: FOURTH QUARTER 1986
(Employment in thousands)

INDUSTRY LINE	DEC 1986 P\	NOV 1986	OCT 1986	DEC 1985	---NET CHANGE--- NOV 1986	DEC 1985
PRESERVED FRUIT & VEGETABLES	11.9	12.4	13.2	11.3	-0.5	0.6
CANNED FRUITS & VEGETABLES	4.2	4.4	4.7	3.9	-0.2	0.3
OTHER PRES. FRUITS & VEGS.	7.7	8.0	8.5	7.4	-0.3	0.3
GRAIN MILL PRODUCTS	5.8	5.8	5.7	5.7	0.0	0.1
BAKERY PRODUCTS	16.7	17.2	17.2	16.8	-0.5	-0.1
SUGAR & CONFECTION PRODUCTS	15.3	15.4	15.1	15.5	-0.1	-0.2
BEVERAGES	8.7	8.5	8.5	8.9	0.2	-0.2
OTHER FOOD & KINDRED PRODS.	10.4	10.4	10.5	10.2	0.0	0.2
TOBACCO PRODUCTS	1.1	1.2	1.2	2.3	-0.1	-1.2
TEXTILE PRODUCTS	31.4	31.3	31.5	30.9	0.1	0.5
WEAVING MILLS SYNTHETICS	4.4	4.4	4.3	4.0	0.0	0.4
KNITTING MILLS	12.8	12.9	13.2	12.9	-0.1	-0.1
KNIT OUTERWEAR MILLS	5.5	5.6	5.8	5.6	-0.1	-0.1
KNIT UNDERWEAR MILLS	3.3	3.3	3.3	3.4	0.0	-0.1
OTHER KNITTING MILLS	4.0	4.0	4.1	3.9	0.0	0.1
FLOOR COVERING MILLS	3.2	3.2	3.1	3.0	0.0	0.2
YARN AND THREAD MILLS	2.6	2.5	2.5	2.7	0.1	-0.1
OTHER TEXTILE MILL PRODUCTS	8.4	8.3	8.4	8.3	0.1	0.1
APPAREL AND RELATED PRODUCTS	88.7	90.5	91.7	94.0	-1.8	-5.3
MENS AND BOYS SUITS & COATS	11.9	11.8	11.8	12.5	0.1	-0.6
MENS AND BOYS FURNISHINGS	14.9	15.1	15.0	15.1	-0.2	-0.2
WOMENS AND MISSES OUTERWEAR	35.5	36.6	37.1	39.5	-1.1	-4.0
WOMENS & KIDS UNDERGARMENTS	9.8	10.1	10.3	9.9	-0.3	-0.1
CHILDRENS OUTERWEAR	6.0	6.1	6.0	6.0	-0.1	0.0
OTHER APPAREL & TEXTILE PROD	10.6	10.8	11.5	11.0	-0.2	-0.4
PAPER PRODUCTS	41.0	41.0	41.0	40.8	0.0	0.2
PAPER MILLS, EXC. BUILDING	10.3	10.2	10.2	10.1	0.1	0.2
PAPERBOARD CONTAINER & BOXES	12.0	12.1	12.1	12.6	-0.1	-0.6
CORRUGATED & SOLID BOXES	6.3	6.4	6.4	6.6	-0.1	-0.3
OTHER PAPERBOARD PRODUCTS	5.7	5.7	5.7	6.0	0.0	-0.3
OTHER PAPER & ALLIED PRODS.	18.7	18.7	18.7	18.1	0.0	0.6
PRINTING AND PUBLISHING	79.3	78.9	78.5	77.6	0.4	1.7
NEWSPAPERS	23.2	22.9	22.8	22.5	0.3	0.7
COMMERCIAL PRINTING	27.7	27.8	27.6	27.1	-0.1	0.6
OTHER PRINTING & PUBLISHING	28.4	28.2	28.1	28.0	0.2	0.4
CHEMICAL AND ALLIED PRODUCTS	59.8	59.9	59.8	59.6	-0.1	0.2
INDUSTRIAL INORGANICS	9.5	9.7	9.7	9.8	-0.2	-0.3
PLASTIC MATERIALS & SYNTHET.	8.0	8.0	7.9	7.9	0.0	0.1
DRUGS	20.0	20.0	20.0	19.8	0.0	0.2
SOAPS, CLEANERS & TOILET GDS	4.1	4.1	4.1	3.9	0.0	0.2
PAINTS AND ALLIED PRODUCTS	3.8	3.8	3.8	3.8	0.0	0.0
OTHER CHEMICAL & ALLIED PROD	14.4	14.3	14.3	14.4	0.1	0.0

P\ Preliminary data, subject to revision.

TABLE 2
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA
BY INDUSTRY LINE: FOURTH QUARTER 1986
(Employment in thousands)

INDUSTRY LINE	DEC 1986 P\	NOV 1986	OCT 1986	DEC 1985	---NET CHANGE--- NOV 1986	DEC 1985
PETROLEUM AND COAL PRODUCTS	10.3	10.3	10.5	11.3	0.0	-1.0
PETROLEUM REFINING	7.7	7.7	7.8	9.2	0.0	-1.5
OTHER PETROLEUM & COAL PRODS	2.6	2.6	2.7	2.1	0.0	0.5
RUBBER AND PLASTICS PRODUCTS	35.1	35.2	35.6	36.9	-0.1	-1.8
TIRES AND INNER TUBES	1.0	1.1	1.1	2.0	-0.1	-1.0
FABRICATED RUBBER PRODUCTS	4.1	4.3	4.3	4.2	-0.2	-0.1
OTHER RUBBER & PLASTICS PROD	30.0	29.8	30.2	30.7	0.2	-0.7
LEATHER PRODUCTS	10.2	10.3	9.8	11.1	-0.1	-0.9
FOOTWEAR, EXC. RUBBER	7.8	7.9	7.5	8.4	-0.1	-0.6
OTHER LEATHER PRODUCTS	2.4	2.4	2.3	2.7	0.0	-0.3
NONMANUFACTURING INDUSTRIES	3855.6	3859.3	3843.1	3752.6	-3.7	103.0
MINING	32.9	33.7	34.3	34.8	-0.8	-1.9
ANTHRACITE COAL	2.4	2.5	2.5	2.3	-0.1	0.1
BITUMINOUS COAL & LIGNITE	20.7	21.1	21.7	22.3	-0.4	-1.6
NONMETALLIC MINERALS	4.7	5.0	5.0	4.5	-0.3	0.2
OTHER MINING AND QUARRYING	5.1	5.1	5.1	5.7	0.0	-0.6
CONTRACT CONSTRUCTION	201.9	215.7	220.5	193.5	-13.8	8.4
GENERAL BUILDING CONTRACTORS	59.6	62.8	62.7	53.4	-3.2	6.2
HEAVY CONSTRUCT. CONTRACTORS	28.3	34.5	36.5	29.2	-6.2	-0.9
SPECIAL TRADE CONTRACTORS	114.0	118.4	121.3	110.9	-4.4	3.1
TRANSPORTATION	140.4	140.6	140.5	140.4	-0.2	0.0
RAILROAD TRANSPORTATION	20.1	20.2	21.0	21.8	-0.1	-1.7
ALL OTHER TRANSPORTATION	120.3	120.4	119.5	118.6	-0.1	1.7
PUBLIC UTILITIES	101.5	101.7	101.2	100.9	-0.2	0.6
COMMUNICATIONS	48.2	48.2	47.8	47.9	0.0	0.3
ELECTRIC, GAS AND SANITARY	53.3	53.5	53.4	53.0	-0.2	0.3
ELECTRIC SERVICES	26.6	26.8	26.8	26.9	-0.2	-0.3
GAS PRODUCTION & DIST.	8.5	8.5	8.5	8.6	0.0	-0.1
WHOLESALE TRADE	265.4	265.4	263.6	1124.2	0.0	-858.8
DURABLE GOODS TRADE	168.1	168.3	167.3	161.1	-0.2	7.0
NONDURABLE GOODS TRADE	97.3	97.1	96.3	97.6	0.2	-0.3
RETAIL TRADE	897.1	883.9	869.0	865.5	13.2	31.6
GENERAL MERCHANDISE STORES	154.6	148.1	137.9	147.2	6.5	7.4
DEPARTMENT STORES	138.9	133.3	123.8	132.4	5.6	6.5
OTHER RETAIL GEN. MERCHAN.	15.7	14.8	14.1	14.8	0.9	0.9
FOOD STORES	160.1	157.7	155.6	149.4	2.4	10.7
AUTO DEALERS & SERVICE STAT.	90.5	90.4	90.3	86.6	0.1	3.9
APPAREL AND ACCESSORY STORES	48.1	47.0	46.1	49.9	1.1	-1.8

P\ Preliminary data, subject to revision.

TABLE 2
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN PENNSYLVANIA
BY INDUSTRY LINE: FOURTH QUARTER 1986
(Employment in thousands)

INDUSTRY LINE	DEC 1986 P\	NOV 1986	OCT 1986	DEC 1985	---NET CHANGE--- NOV 1986	DEC 1985
EATING AND DRINKING PLACES	258.0	258.0	260.5	254.7	0.0	3.3
MISCELLANEOUS RETAIL TRADE	120.4	118.0	114.7	116.6	2.4	3.8
FINANCE,INSURANCE AND REAL EST	275.6	274.8	274.7	265.4	0.8	10.2
BANKING	88.7	88.6	88.4	85.5	0.1	3.2
COMMERCIAL & STOCK SAVINGS	82.0	81.8	81.5	78.5	0.2	3.5
OTHER BANKING	6.7	6.8	6.9	7.0	-0.1	-0.3
INSURANCE CARRIERS	76.9	76.7	76.7	75.7	0.2	1.2
LIFE INSURANCE	28.1	28.1	28.3	29.6	0.0	-1.5
FIRE, MARINE & CASUALTY INS	31.7	31.5	31.4	30.1	0.2	1.6
OTHER FIN.,INS.& REAL ESTATE	68.8	68.4	68.7	66.0	0.4	2.8
SERVICE AND MISCELLANEOUS	1252.7	1253.2	1256.9	1202.0	-0.5	50.7
HOTELS & LODGING PLACES	52.4	52.8	53.7	49.6	-0.4	2.8
BUSINESS SERVICES	218.4	218.5	217.9	199.0	-0.1	19.4
AMUSEMENT & RECREATION SERV.	33.0	33.5	37.5	33.1	-0.5	-0.1
HEALTH SERVICES	410.8	410.1	409.7	395.6	0.7	15.2
HOSPITALS	225.1	225.0	224.5	219.2	0.1	5.9
OTHER HEALTH SERVICES	118.0	117.4	117.4	109.8	0.6	8.2
LEGAL SERVICES	33.2	33.2	33.5	32.3	0.0	0.9
EDUCATIONAL SERVICES	155.1	154.1	152.9	150.9	1.0	4.2
SOCIAL SERVICES	73.5	73.2	72.5	71.4	0.3	2.1
MISCELLANEOUS SERVICES	56.5	56.6	56.9	54.6	-0.1	1.9
ENGINEERING & ARCHITECTURE	34.2	34.3	34.5	33.6	-0.1	0.6
OTHER SERVICES, NEC	219.8	221.2	222.3	215.5	-1.4	4.3
GOVERNMENT	688.1	690.3	682.4	691.4	-2.2	-3.3
FEDERAL	136.8	136.9	136.3	137.9	-0.1	-1.1
STATE	151.4	153.3	153.2	152.2	-1.9	-0.8
STATE EDUCATION	45.2	47.3	46.5	44.2	-2.1	1.0
OTHER STATE GOVERNMENT	106.2	106.0	106.7	108.0	0.2	-1.8
LOCAL	399.9	400.1	392.9	401.3	-0.2	-1.4
LOCAL EDUCATION	240.0	241.7	236.4	243.2	-1.7	-3.2
OTHER LOCAL GOVERNMENT	159.9	158.4	156.5	158.1	1.5	1.8
PERSONS IN LABOR-MGMT. DISPUTES	10.5	10.1	12.4	2.2	0.4	8.3

TABLE 3
SELECTED PENNSYLVANIA EMPLOYMENT INDICES
(Not seasonally adjusted) 1977 = 100.0

INDUSTRY TITLE	DEC. 1986 P\	NOV. 1986	OCT. 1986	DEC. 1985	[----- ANNUAL AVERAGE ----- 1985	1984	1980	1975]
ALL MANUFACTURING	76.94	77.13	77.28	79.91	80.8	83.4	99.0	99.5
PRIMARY METALS	41.88	41.83	42.33	49.60	53.1	59.3	95.3	103.0
APPAREL	66.19	67.54	68.43	70.15	77.1	85.0	92.6	99.0
ALL NONMANUFACTURING	119.62	119.73	119.23	116.42	112.9	109.4	106.3	96.2
CONSTRUCTION	109.79	117.29	119.90	105.22	105.2	95.5	103.4	100.3
RETAIL TRADE	125.08	123.24	121.17	120.68	11.9	109.2	103.7	93.5
SERVICES	145.24	145.30	145.73	139.36	135.0	128.5	112.9	92.6
GOVERNMENT	96.79	85.71	95.99	97.26	94.9	94.5	101.7	101.5

P/= Preliminary data, subject to revision.

TABLE 4
ACTUAL AND REAL GORSS EARNINGS OF
MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA
ANNUAL AVERAGES (1967 = 100)

YEAR	WEEKLY EARNINGS	WEEKLY HOURS	HOURLY EARNINGS	HOURLY EARNINGS INDEX	U.S. CONSUMER PRICE INDEX	REAL WEEKLY EARNINGS	LOSSES DUE TO INFLATION
1972	154.42	39.8	3.88	137.6	125.3	123.24	31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18
1980	294.49	38.8	7.59	269.1	246.8	119.32	175.17
1981	325.36	39.2	8.30	294.3	272.4	119.44	205.92
1982	331.39	38.4	8.63	306.0	289.1	114.63	216.76
1983	350.84	39.2	8.95	317.4	298.4	117.57	233.27
1984	373.06	40.2	9.28	329.1	311.1	119.92	253.14
1985	381.84	39.9	9.57	339.4	322.2	118.69	262.89

TABLE 5
EMPLOYMENT,MANHOURS AND PAYROLLS OF
MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA
(in thousands)

INDUSTRY LINE	DEC. 1986	NOV. 1986	OCT. 1986	DEC. 1985
EMPLOYMENT DATA:				
MANUFACTURING INDUSTRIES	694.7	696.1	698.2	726.8
DURABLE GOODS	382.4	381.4	382.4	410.5
NONDURABLE GOODS	312.3	314.7	315.8	316.3
WEEKLY MANHOURS:				
MANUFACTURING INDUSTRIES	28,646.0	28,430.2	28,155.8	29,830.8
DURABLE GOODS	16,194.7	16,014.7	15,763.6	17,230.3
NONDURABLE GOODS	12,451.3	12,415.5	12,392.2	12,600.5
WEEKLY PAYROLLS:				
MANUFACTURING INDUSTRIES	$282,406.0	$278,153.8	$274,011.5	$290,679.2
DURABLE GOODS	$171,471.5	$168,575.7	$165,308.7	$180,997.2
NONDURABLE GOODS	$110,934.5	$109,578.1	$108,702.8	$109,682.0

December data are priliminary and subject to revision.

TABLE 6
AVERAGE HOURS AND EARNINGS OF MANUFACTURING WORKERS
IN PENNSYLVANIA BY INDUSTRY LINE: FOURTH QUARTER 1986
(Current month data are preliminary and subject to revision)

INDUSTRY TITLE	AVERAGE WEEKLY EARNINGS				AVG WEEKLY HOURS				AVG HOURLY EARNINGS			
	DEC 1986 P\	NOV 1986	OCT 1986	DEC 1985	DEC 1986 P\	NOV 1986	OCT 1986	DEC 1985	DEC 1986 P\	NOV 1986	OCT 1986	DEC 1985
MANUFACTURING INDUSTRIES	406.23	399.02	392.52	399.34	41.2	40.8	40.3	41.0	9.86	9.78	9.74	9.74
DURABLE GOODS	447.96	442.26	432.19	441.00	42.3	42.0	41.2	42.0	10.59	10.53	10.49	10.50
LUMBER AND WOOD PRODUCTS	323.93	337.02	323.97	315.61	39.6	40.9	39.8	39.8	8.18	8.24	8.14	7.93
MILLWORK,PLYWOOD & STRUCTURE	384.52	383.64	369.34	359.06	43.4	43.3	42.6	41.8	8.86	8.86	8.67	8.59
OTHER LUMBER & WOOD PRODUCTS	299.47	317.60	304.94	297.96	38.1	39.9	38.6	39.0	7.86	7.96	7.90	7.64
FURNITURE AND FIXTURES	356.06	344.47	341.25	355.32	40.6	39.1	39.0	42.0	8.77	8.81	8.75	8.46
HOUSEHOLD FURNITURE	313.23	298.65	301.04	297.31	39.4	37.9	38.3	39.8	7.95	7.88	7.86	7.47
OFFICE FURNITURE	360.80	362.46	342.14	361.09	40.0	39.7	38.1	40.3	9.02	9.13	8.98	8.96
OTHER FURNITURE & FIXTURES	421.40	401.36	400.08	434.31	43.0	40.5	40.7	46.7	9.80	9.91	9.83	9.30
STONE, CLAY, AND GLASS PRODS.	438.44	437.99	434.78	431.70	42.9	42.4	42.5	42.7	10.22	10.33	10.23	10.11
GLASS, PRESSED OR BLOWN	466.14	457.45	456.89	450.83	44.1	42.2	42.7	43.1	10.57	10.84	10.70	10.46
GLASS CONTAINERS	501.75	470.91	478.70	500.16	44.6	41.6	42.4	45.1	11.25	11.32	11.29	11.09
PRESSED & BLOWN GLASS,NEC	430.77	443.65	436.02	401.55	43.6	42.7	43.0	41.1	9.88	10.39	10.14	9.77
CEMENT, HYDRAULIC	617.34	586.66	573.78	565.50	44.8	43.2	43.7	43.5	13.78	13.58	13.13	13.00
STRUCTURAL CLAY	385.54	376.74	372.86	367.02	41.5	41.4	41.2	41.1	9.29	9.10	9.05	8.93
POTTERY & RELATED PRODUCTS	414.52	393.98	401.86	406.02	43.0	40.7	41.6	41.6	9.64	9.68	9.66	9.76
CONCRETE, GYPSUM & PLASTER	378.84	392.54	403.88	377.09	42.0	42.9	43.9	42.9	9.02	9.15	9.20	8.79
OTHER STONE, CLAY & GLASS	450.08	459.89	444.56	456.23	42.5	42.9	41.9	43.0	10.59	10.72	10.61	10.61
PRIMARY METALS	532.54	521.22	503.47	510.05	42.4	42.0	40.8	41.4	12.56	12.41	12.34	12.32
BLAST FURNACE & BASIC STEEL	495.67	580.98	553.88	552.15	42.7	42.1	40.4	40.9	13.95	13.80	13.71	13.50
BLAST FURN. & STEEL MILLS	617.60	597.49	569.63	566.71	42.8	41.9	40.2	40.8	14.43	14.26	14.17	13.89
OTHER BASIC STEEL PRODUCTS	494.25	403.76	479.91	462.59	42.1	42.8	41.3	41.6	11.74	11.77	11.62	11.12
IRON AND STEEL FOUNDRIES	401.86	392.78	383.94	382.53	41.6	41.0	40.5	41.0	9.66	9.58	9.48	9.33

December 1986 data are preliminary and subject to revision.

TABLE 6
AVERAGE HOURS AND EARNINGS OF MANUFACTURING WORKERS
IN PENNSYLVANIA BY INDUSTRY LINE: FOURTH QUARTER 1986
(Current month data are preliminary and subject to revision)

INDUSTRY TITLE	AVERAGE WEEKLY EARNINGS				AVG WEEKLY HOURS				AVG HOURLY EARNINGS			
	DEC 1986 P\	NOV 1986	OCT 1986	DEC 1985	DEC 1986 P\	NOV 1986	OCT 1986	DEC 1985	DEC 1986 P\	NOV 1986	OCT 1986	DEC 1985
NONFERROUS ROLLING & DRAWING	493.24	491.48	480.38	475.97	44.0	44.0	43.2	44.4	11.21	11.17	11.12	10.72
NONFERROUS FOUNDRIES	404.19	412.50	417.38	427.44	39.9	40.6	41.0	41.1	10.13	10.16	10.18	10.40
OTHER PRIMARY METALS	453.02	444.03	437.40	443.30	41.6	41.0	40.5	42.3	10.89	10.83	10.80	10.48
FABRICATED METAL PRODUCTS	436.22	435.63	433.39	438.70	42.6	42.5	42.2	42.8	10.24	10.25	10.27	10.25
METAL CANS & SHIPPING CONTRS	449.82	472.95	483.49	468.14	42.0	45.0	46.4	44.5	10.71	10.51	10.42	10.52
CUTLERY, TOOLS & HARDWARE	344.16	355.42	372.70	319.50	40.3	40.9	42.4	37.5	8.54	8.69	8.79	8.52
PLUMBING & HEATING, EXC. EL.	441.00	477.44	472.91	455.40	45.0	46.9	46.5	46.9	9.80	10.18	10.17	9.71
FAB. STRUCTURAL METAL PROD.	392.50	389.58	389.16	396.02	41.8	41.8	41.8	42.4	9.39	9.32	9.31	9.34
FAB. STRUCTURAL METAL	404.01	408.20	426.29	435.71	41.1	41.4	42.8	44.1	9.83	9.86	9.96	9.88
FAB. PLATE WORK	466.40	457.21	433.08	466.12	42.4	42.1	40.1	43.4	11.00	10.86	10.80	10.74
OTHER FAB. STRUC. PRODUCTS	364.53	362.85	362.88	355.66	41.9	41.9	42.0	41.5	8.70	8.66	8.64	8.57
SCREW MACHINERY PRODUCTS	481.67	473.48	468.22	441.81	45.1	44.5	43.8	42.4	10.68	10.64	10.69	10.42
METAL FORGINGS & STAMPINGS	571.38	581.14	579.46	606.61	44.5	44.6	43.7	46.2	12.84	13.03	13.26	13.13
METAL SERVICES & ORDNANCE	399.84	409.28	389.86	380.07	40.8	41.3	40.4	41.0	9.80	9.91	9.65	9.27
MISC. FABRICATED METAL PROD.	436.17	415.58	405.37	421.03	43.1	41.6	40.7	42.4	10.12	9.99	9.96	9.93
VALVES & PIPE FITTINGS	482.45	436.60	414.56	407.35	45.3	41.9	39.9	42.3	10.65	10.42	10.39	9.69
OTHER MISC. FAB. METALS	409.22	402.82	399.49	444.98	41.8	41.4	41.1	42.5	9.79	9.73	9.72	10.47
NONELECTRICAL MACHINERY	463.91	455.87	448.52	457.95	42.6	41.9	41.3	43.0	10.89	10.88	10.86	10.65
ENGINES AND TURBINES	556.75	570.67	596.74	611.94	42.5	43.2	44.4	46.5	13.10	13.21	13.44	13.16
FARM & GARDEN MACHINERY	561.88	575.29	562.42	466.67	44.0	44.7	43.7	40.3	12.77	12.87	12.87	11.58
CONSTRUCTION & RELATED MACH.	450.87	441.19	445.21	478.50	41.1	40.7	40.4	43.5	10.97	10.84	11.02	11.00
METAL WORKING MACHINERY	461.32	458.58	450.05	465.25	41.9	41.5	41.1	43.4	11.01	11.05	10.95	10.72
SPECIAL INDUSTRIAL MACHINERY	509.35	499.01	464.03	446.26	45.6	45.2	42.3	43.2	11.17	11.04	10.97	10.33
GENERAL INDUSTRIAL MACHINERY	497.36	478.41	466.80	456.50	43.4	42.3	41.2	41.5	11.46	11.31	11.33	11.00
REFRIG. & SERV. MACHINERY	425.43	409.94	397.54	436.44	42.5	41.2	40.4	43.6	10.01	9.95	9.84	10.01
MISC. MACHINERY, EXC. ELEC.	415.23	403.10	399.18	415.04	42.5	40.8	40.9	42.7	9.77	9.88	9.76	9.72
ELECTRIC AND ELECTRONIC MACH.	420.60	419.01	406.85	403.52	42.7	42.8	41.9	41.6	9.85	9.79	9.71	9.70

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IN PENNSYLVANIA BY INDUSTRY LINE: FOURTH QUARTER 1986
(Current month data are preliminary and subject to revision)

INDUSTRY TITLE	AVERAGE WEEKLY EARNINGS				AVG WEEKLY HOURS				AVG HOURLY EARNINGS			
	DEC 1986 P\	NOV 1986	OCT 1986	DEC 1985	DEC 1986 P\	NOV 1986	OCT 1986	DEC 1985	DEC 1986 P\	NOV 1986	OCT 1986	DEC 1985
ELECTRICAL DISTRIBUTING EQ.	447.29	453.77	436.72	426.12	43.3	44.4	42.9	42.4	10.33	10.22	10.18	10.05
ELECTRICAL INDUSTRIAL APPAR.	438.51	435.56	417.31	401.07	44.7	44.4	43.2	43.5	9.81	9.81	9.66	9.22
HOUSEHOLD APPLIANCES	411.93	413.34	375.55	352.02	41.4	42.7	40.6	39.2	9.95	9.68	9.25	9.98
ELECTRICAL LIGHTING & WIRING	372.40	371.73	367.48	363.19	40.0	40.1	39.9	40.9	9.31	9.27	9.21	8.88
CURRENT CARRYING DEVICES	398.93	390.34	401.70	384.96	41.0	40.2	41.2	40.1	9.73	9.71	9.75	9.60
OTHER LIGHTING & WIRING	350.06	355.20	339.99	345.70	39.2	40.0	38.9	41.5	8.93	8.88	8.74	8.33
COMMUNICATION EQUIPMENT	369.98	389.30	355.60	340.31	41.2	42.5	40.0	41.2	8.98	9.16	8.89	8.26
ELECTRONIC COMPONENTS & ACC.	465.02	453.78	449.59	452.79	43.5	43.3	42.9	41.2	10.69	10.48	10.48	10.99
OTHER ELECTRICAL EQUIPMENT	372.34	378.35	366.91	367.84	42.7	42.8	41.6	41.8	8.72	8.84	8.82	8.80
TRANSPORTATION EQUIPMENT	498.12	476.14	466.06	477.09	42.0	40.8	39.8	40.5	11.86	11.67	11.71	11.78
MOTOR VEHICLES AND EQUIPMENT	510.62	480.16	464.09	483.57	43.2	41.5	39.7	40.5	11.82	11.57	11.69	11.94
MOTOR VEHICLE PARTS & ACC.	453.46	471.33	494.58	518.31	41.0	42.5	42.2	42.8	11.06	11.09	11.72	12.11
OTHER MOTOR VEHICLES & EQ.	555.86	487.99	436.88	456.27	44.9	40.7	37.5	38.7	12.38	11.99	11.65	11.79
SHIP & BOAT BUILDING & REPR.	467.42	486.26	489.29	495.28	42.3	43.3	43.3	44.7	11.05	11.23	11.30	11.08
RAILROAD EQUIPMENT	464.74	409.36	445.94	486.25	38.0	34.0	37.1	39.5	12.23	12.04	12.02	12.31
OTHER TRANSPORTATION EQUIP.	498.27	486.00	469.70	445.79	43.9	43.2	41.9	40.6	11.35	11.25	11.21	10.98
INSTRUMENTS AND RELATED PROD.	443.41	418.18	404.21	434.13	42.8	41.2	40.3	43.5	10.36	10.15	10.03	9.98
MEASURING & CONTROLLING DEV.	463.95	452.63	425.46	492.44	42.8	42.5	40.1	46.5	10.84	10.65	10.61	10.59
MEDICAL INSTRUMENTS & SUPPL.	425.70	377.45	373.60	416.21	42.4	39.4	40.0	43.4	10.04	9.58	9.34	9.59
OTHER INSTRUMENTS & RELATED	426.69	405.73	404.42	359.68	43.1	40.9	41.1	38.8	9.90	9.92	9.84	9.27
MISCELLANEOUS MANUFACTURES	411.51	417.19	390.93	387.32	43.5	44.1	41.5	40.6	9.46	9.46	9.42	9.54
NONDURABLE GOODS	355.51	348.79	343.78	346.26	39.9	39.5	39.2	39.8	8.91	8.83	8.77	8.70
FOOD AND KINDRED PRODUCTS	386.78	381.24	376.40	389.79	40.5	40.3	40.0	41.6	9.55	9.46	9.41	9.37
MEAT PRODUCTS	323.75	319.30	301.07	340.86	41.4	41.2	38.5	43.6	7.82	7.75	7.82	7.80
DAIRY PRODUCTS	393.34	393.69	369.15	351.54	41.8	42.7	41.2	41.9	9.41	9.22	8.96	8.39

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TABLE 6
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IN PENNSYLVANIA BY INDUSTRY LINE: FOURTH QUARTER 1986
(Current month data are preliminary and subject to revision)

INDUSTRY TITLE	AVERAGE WEEKLY EARNINGS				AVG WEEKLY HOURS				AVG HOURLY EARNINGS			
	DEC 1986 P\	NOV 1986	OCT 1986	DEC 1985	DEC 1986 P\	NOV 1986	OCT 1986	DEC 1985	DEC 1986 P\	NOV 1986	OCT 1986	DEC 1985
FLUID MILK	404.81	399.63	390.50	375.31	42.3	42.2	42.4	42.6	9.57	9.47	9.21	8.81
OTHER DAIRY PRODUCTS	386.78	389.96	357.21	339.06	41.5	42.9	40.5	41.5	9.32	9.09	8.82	8.17
PRESERVED FRUIT & VEGETABLES	370.58	350.32	351.53	394.25	40.5	39.9	41.7	42.9	9.15	8.78	8.43	9.19
CANNED FRUITS & VEGETABLES	290.05	274.44	294.00	268.42	41.2	40.3	42.0	39.3	7.04	6.81	7.00	6.83
OTHER PRES. FRUITS & VEGS.	420.65	397.79	386.37	471.75	40.1	39.7	41.5	45.1	10.49	10.02	9.31	10.46
GRAIN MILL PRODUCTS	489.90	523.53	489.76	510.56	41.8	43.7	41.4	43.6	11.72	11.98	11.83	11.71
BAKERY PRODUCTS	361.12	342.45	363.38	359.86	37.0	36.2	37.5	37.8	9.76	9.46	9.69	9.52
SUGAR & CONFECTION PRODUCTS	411.48	404.59	425.36	413.24	40.5	39.9	40.9	41.2	10.16	10.14	10.40	10.03
BEVERAGES	520.25	542.17	478.24	502.25	42.4	43.9	39.2	42.1	12.27	12.35	12.20	11.93
OTHER FOOD & KINDRED PRODS.	350.22	346.80	346.49	342.36	41.3	40.8	41.2	41.1	8.48	8.50	8.41	8.33
TOBACCO PRODUCTS	243.41	251.08	281.66	252.36	40.5	42.7	49.5	42.7	6.01	5.88	5.69	5.91
TEXTILE PRODUCTS	287.94	282.10	277.38	258.30	40.9	40.3	40.2	38.9	7.04	7.00	6.90	6.64
WEAVING MILLS SYNTHETICS	315.22	300.66	307.75	271.44	43.3	41.3	42.1	39.0	7.28	7.28	7.31	6.96
KNITTING MILLS	257.68	256.24	257.00	230.89	39.4	39.3	39.6	37.3	6.54	6.52	6.49	6.19
KNIT OUTERWEAR MILLS	259.35	263.40	264.32	210.03	39.9	40.9	41.3	36.4	6.50	6.44	6.40	5.77
KNIT UNDERWEAR MILLS	220.97	218.50	231.07	211.18	37.2	36.6	38.9	36.6	5.94	5.97	5.94	5.77
OTHER KNITTING MILLS	285.42	277.07	267.57	274.87	40.6	39.3	37.9	39.1	7.03	7.05	7.06	7.03
FLOOR COVERING MILLS	437.02	403.74	341.89	350.32	45.1	42.1	38.2	39.9	9.69	9.59	8.95	8.78
YARN AND THREAD MILLS	247.04	242.00	238.73	231.66	40.3	40.0	39.2	39.0	6.13	6.05	6.09	5.94
OTHER TEXTILE MILL PRODUCTS	289.57	289.27	287.82	277.16	40.9	40.8	41.0	41.0	7.08	7.09	7.02	6.76
APPAREL AND RELATED PRODUCTS	202.62	201.83	204.28	201.53	34.4	34.5	34.8	34.1	5.89	5.85	5.87	5.91
MENS AND BOYS SUITS & COATS	251.32	261.00	264.20	258.02	35.1	36.3	36.9	35.2	7.16	7.19	7.16	7.33
MENS AND BOYS FURNISHINGS	210.18	209.81	206.91	196.14	36.3	37.2	36.3	34.9	5.79	5.64	5.70	5.62
WOMENS AND MISSES OUTERWEAR	180.96	176.22	179.99	181.07	32.2	31.3	31.8	31.6	5.62	5.63	5.66	5.73
WOMENS & KIDS UNDERGARMENTS	196.93	206.22	205.52	200.71	36.2	37.7	38.2	37.1	5.44	5.47	5.38	5.41
CHILDRENS OUTERWEAR	209.16	191.52	192.21	196.06	36.0	34.2	33.9	35.2	5.81	5.60	5.67	5.57
OTHER APPAREL & TEXTILE PROD	209.20	209.81	216.66	215.06	35.7	36.3	37.1	36.7	5.86	5.78	5.84	5.86

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(Current month data are preliminary and subject to revision)

INDUSTRY TITLE	AVERAGE WEEKLY EARNINGS				AVG WEEKLY HOURS				AVG HOURLY EARNINGS			
	DEC 1986 P\	NOV 1986	OCT 1986	DEC 1985	DEC 1986 P\	NOV 1986	OCT 1986	DEC 1985	DEC 1986 P\	NOV 1986	OCT 1986	DEC 1985
PAPER PRODUCTS	479.86	466.58	457.62	462.92	45.1	44.1	43.5	44.9	10.64	10.58	10.52	10.31
PAPER MILLS, EXC. BUILDING	571.00	555.45	550.75	559.75	50.0	48.3	48.1	49.8	11.42	11.50	11.45	11.24
PAPERBOARD CONTAINER & BOXES	442.38	426.01	416.21	408.32	45.7	44.1	43.4	43.3	9.68	9.66	9.59	9.43
CORRUGATED & SOLID BOXES	445.21	430.33	425.95	431.16	44.7	43.6	43.2	45.1	9.96	9.87	9.86	9.56
OTHER PAPERBOARD PRODUCTS	438.98	421.97	406.35	385.12	46.7	44.7	43.6	41.5	9.40	9.44	9.32	9.28
OTHER PAPER & ALLIED PRODS.	469.33	457.50	447.68	463.49	42.9	42.4	41.8	44.1	10.94	10.79	10.71	10.51
PRINTING AND PUBLISHING	430.32	415.60	412.48	425.60	41.1	40.0	39.7	41.2	10.47	10.39	10.39	10.33
NEWSPAPERS	399.60	399.94	389.94	394.52	34.3	34.3	33.5	35.1	11.65	11.66	11.64	11.24
COMMERCIAL PRINTING	459.19	447.72	445.77	455.80	42.4	42.0	41.7	42.4	10.83	10.66	10.69	10.75
OTHER PRINTING & PUBLISHING	411.17	386.65	384.89	408.59	43.1	40.7	40.6	43.1	9.54	9.50	9.48	9.48
CHEMICAL AND ALLIED PRODUCTS	505.73	499.10	485.06	488.32	43.9	43.4	42.4	43.6	11.52	11.50	11.44	11.20
INDUSTRIAL INORGANICS	534.38	500.12	505.91	517.73	44.2	42.6	42.3	44.1	12.09	11.74	11.96	11.74
PLASTIC MATERIALS & SYNTHET.	574.21	582.89	563.75	559.28	43.9	44.7	43.1	44.6	13.08	13.04	13.08	12.54
DRUGS	547.58	534.38	523.93	502.68	44.7	44.2	43.3	42.6	12.25	12.09	12.10	11.80
SOAPS, CLEANERS & TOILET GDS	485.22	477.22	450.06	469.34	46.3	44.6	43.4	46.7	10.48	10.70	10.37	10.05
PAINTS AND ALLIED PRODUCTS	446.08	453.44	433.05	478.74	41.0	41.6	40.7	44.7	10.88	10.90	10.64	10.71
OTHER CHEMICAL & ALLIED PROD	447.50	445.00	432.00	437.99	42.7	42.1	41.3	42.4	10.48	10.57	10.46	10.33
PETROLEUM AND COAL PRODUCTS	568.48	592.34	595.82	562.92	41.8	43.3	44.2	41.3	13.60	13.68	13.48	13.63
PETROLEUM REFINING	613.82	639.77	626.12	601.92	42.1	43.7	43.3	41.8	14.58	14.64	14.46	14.40
OTHER PETROLEUM & COAL PRODS	422.30	437.02	502.09	369.33	41.0	41.9	47.1	39.0	10.30	10.43	10.66	9.47
RUBBER AND PLASTICS PRODUCTS	363.24	357.32	348.39	364.65	41.8	41.5	40.7	42.5	8.69	8.61	8.56	8.58
TIRES AND INNER TUBES	361.84	381.28	346.37	451.23	45.4	47.9	43.9	39.0	7.97	7.96	7.89	11.57
FABRICATED RUBBER PRODUCTS	449.38	444.71	435.89	445.51	44.1	43.9	43.2	45.6	10.19	10.13	10.09	9.77
OTHER RUBBER & PLASTICS PROD	354.83	347.71	339.76	351.92	41.5	41.1	40.4	42.4	8.55	8.46	8.41	8.30

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INDUSTRY TITLE	AVERAGE WEEKLY EARNINGS				AVG WEEKLY HOURS				AVG HOURLY EARNINGS			
	DEC 1986 P\	NOV 1986	OCT 1986	DEC 1985	DEC 1986 P\	NOV 1986	OCT 1986	DEC 1985	DEC 1986 P\	NOV 1986	OCT 1986	DEC 1985
LEATHER PRODUCTS	223.85	210.99	214.32	213.38	37.0	35.7	35.9	37.5	6.05	5.91	5.97	5.69
FOOTWEAR, EXC. RUBBER	198.17	188.17	190.16	195.44	35.9	34.4	34.7	36.6	5.52	5.47	5.48	5.34
OTHER LEATHER PRODUCTS	316.93	295.25	300.58	272.83	41.0	40.5	40.4	40.6	7.73	7.29	7.44	6.72
NONMANUFACTURING INDUSTRIES												
MINING												
ANTHRACITE COAL	423.00	433.68	416.52	418.38	37.6	39.0	37.9	38.0	11.25	11.12	10.99	11.01
BITUMINOUS COAL & LIGNITE	587.90	538.29	530.29	536.90	38.5	36.2	35.4	36.4	15.27	14.87	14.98	14.75
NONMETALLIC MINERALS	441.37	462.54	470.06	430.84	44.9	46.3	47.1	44.6	9.83	9.99	9.98	9.66
PUBLIC UTILITIES												
COMMUNICATIONS	565.62	557.24	540.39	540.90	42.4	41.4	40.6	40.7	13.34	13.46	13.31	13.29
ELECTRIC, GAS AND SANITARY	634.72	645.79	630.20	591.92	42.8	43.4	42.9	42.8	14.83	14.88	14.69	13.83
ELECTRIC SERVICES	618.34	635.67	608.48	579.94	43.0	43.9	42.7	42.8	14.38	14.48	14.25	13.55
GAS PRODUCTION & DIST.	520.27	536.84	530.45	508.81	40.3	41.2	41.9	41.4	12.91	13.03	12.66	12.29
RETAIL TRADE												
GENERAL MERCHANDISE STORES	187.86	184.34	182.12	181.76	30.3	29.4	28.5	30.6	6.20	6.27	6.39	5.94

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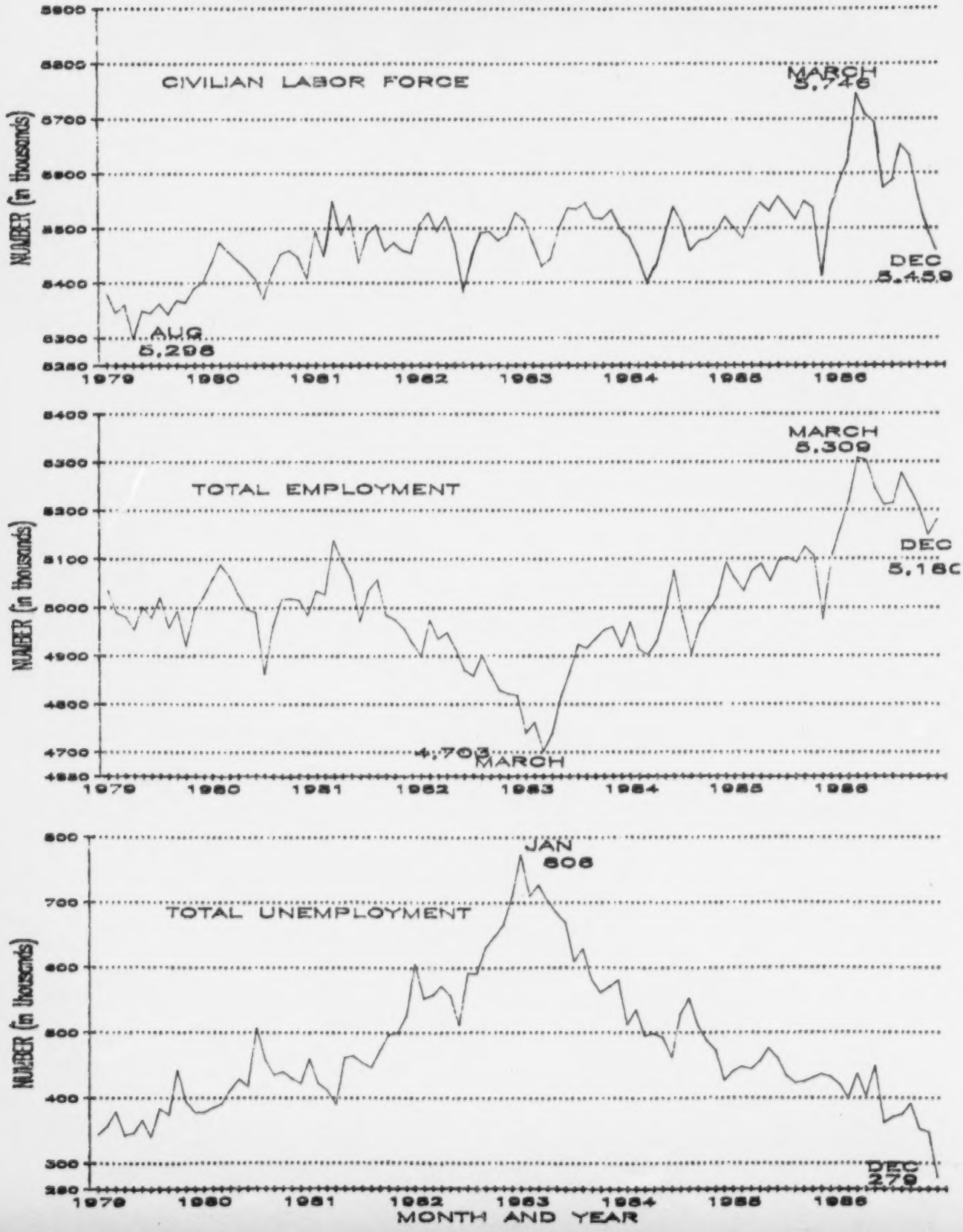
PENNSYLVANIA ECONOMIC INDICATORS
SEASONALLY ADJUSTED CPS DATA



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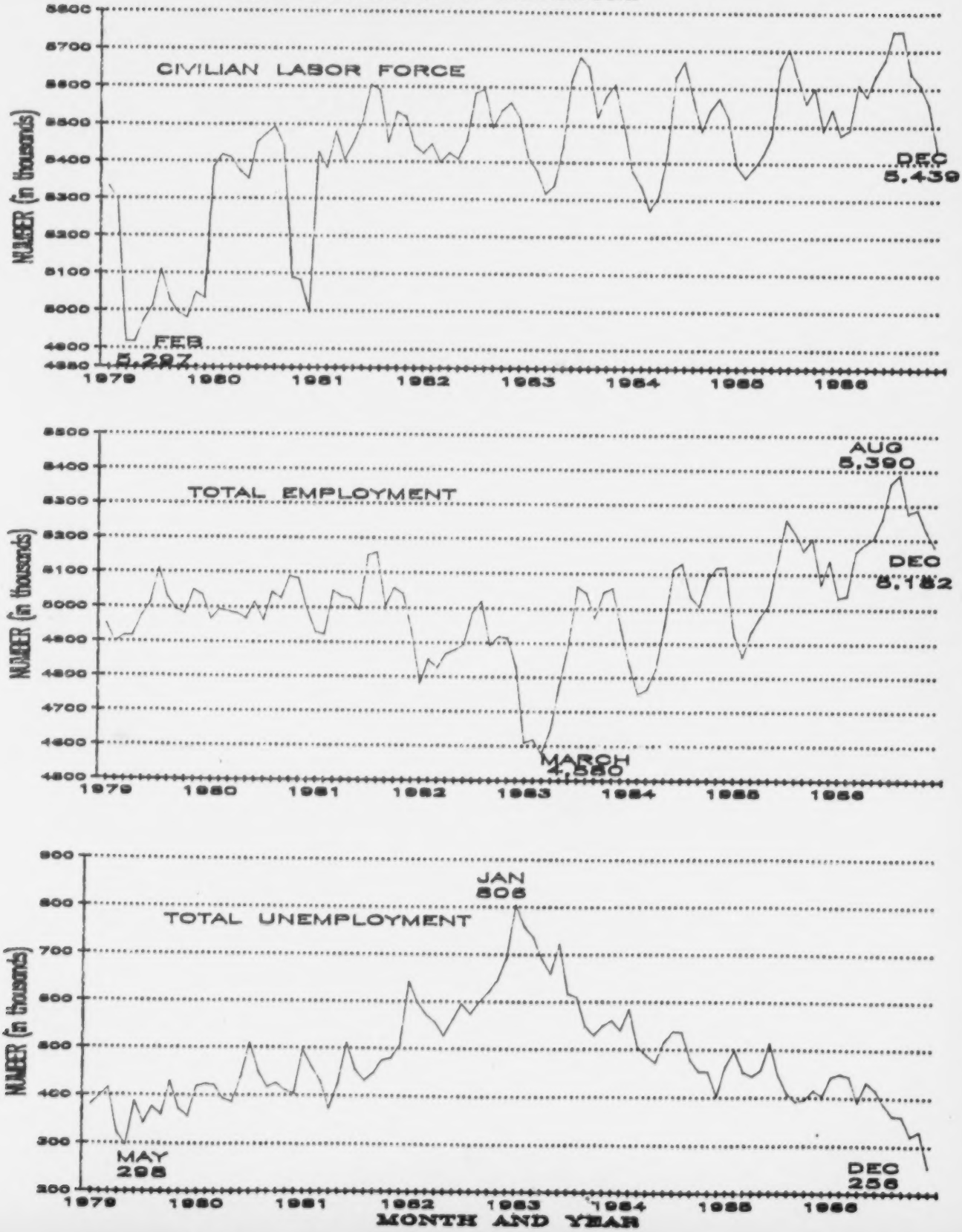

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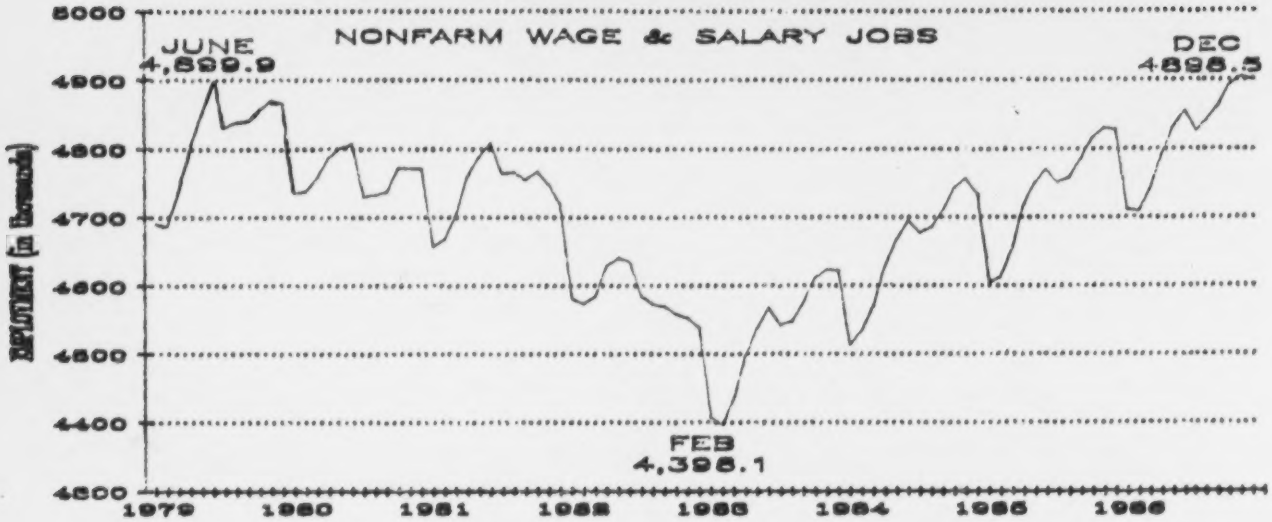
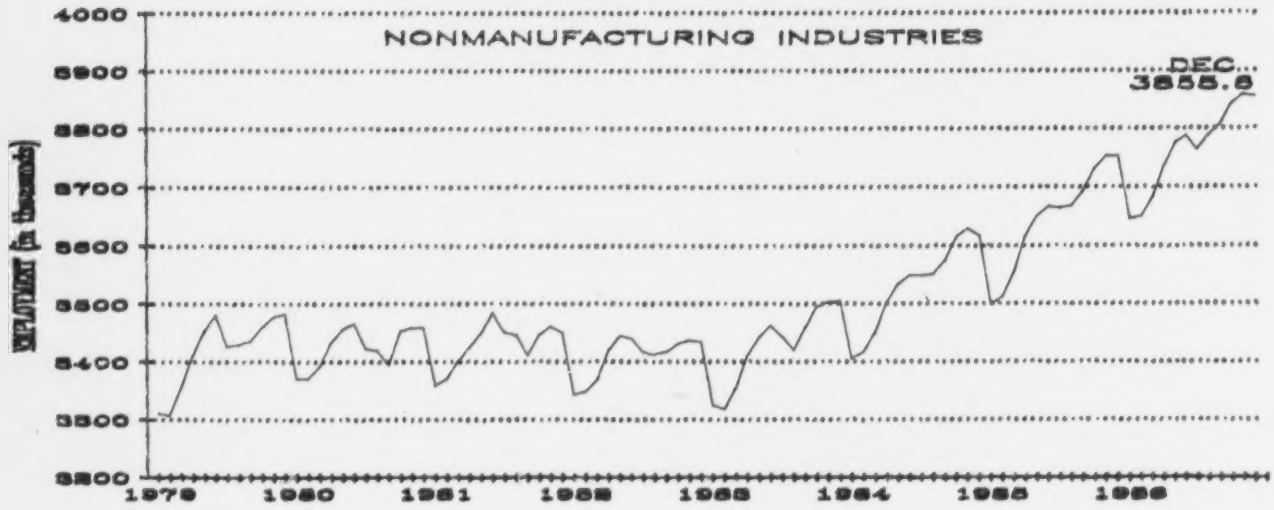
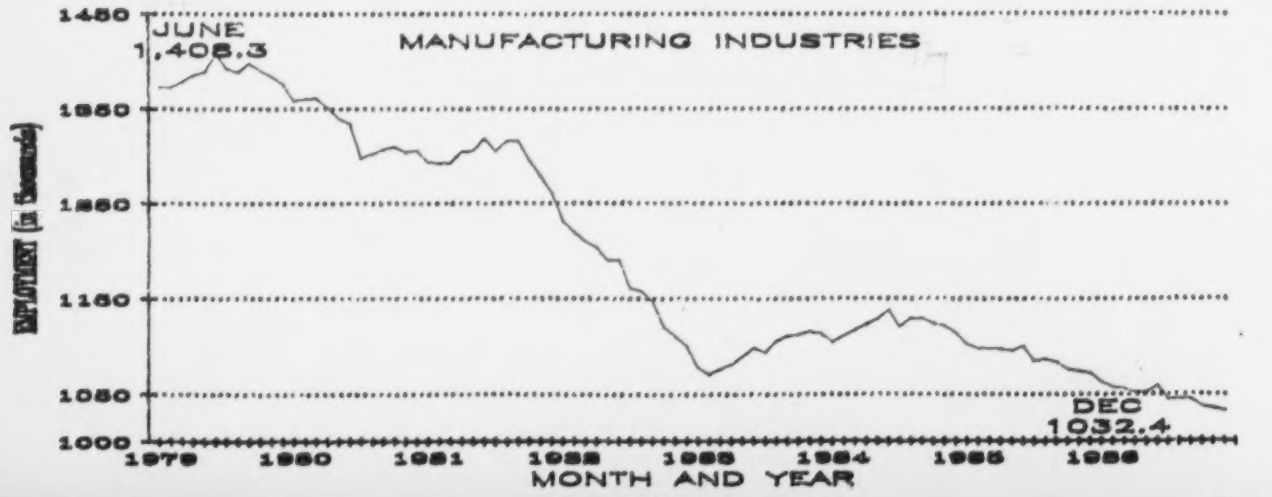
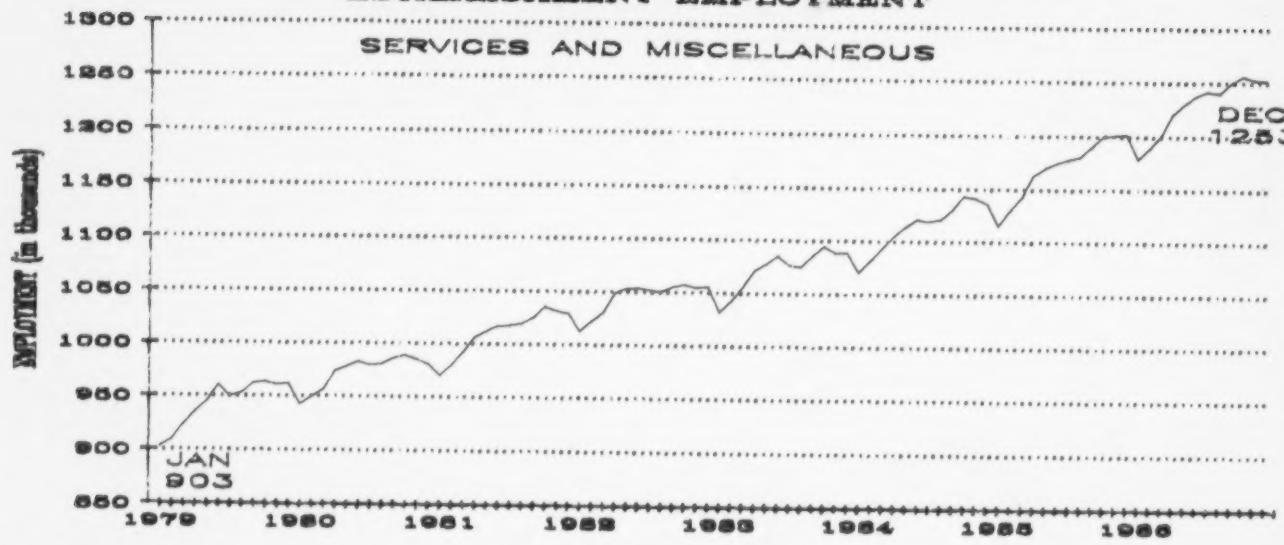


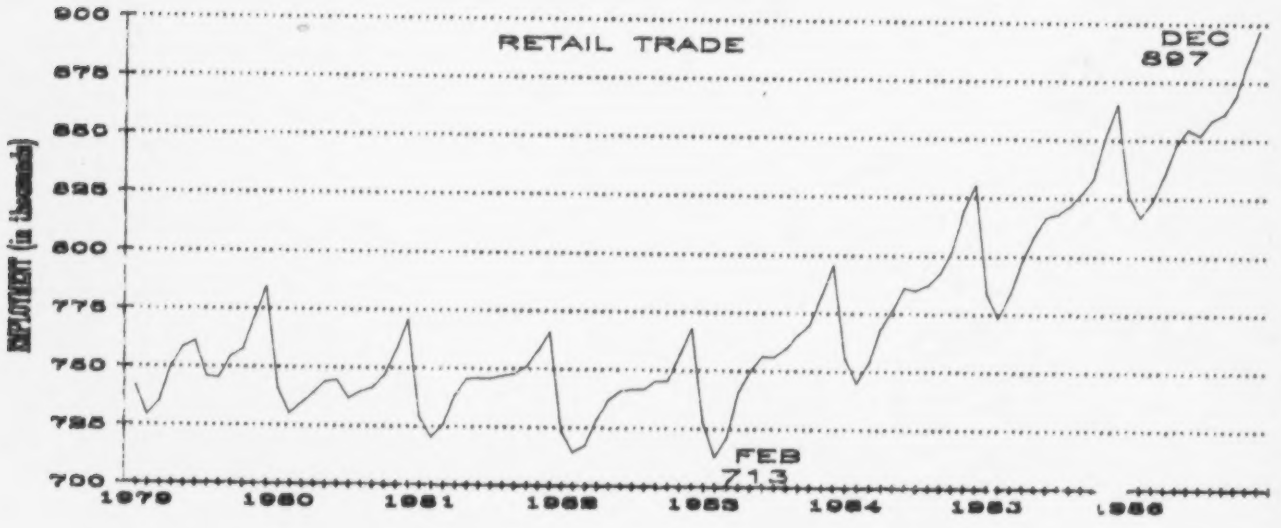


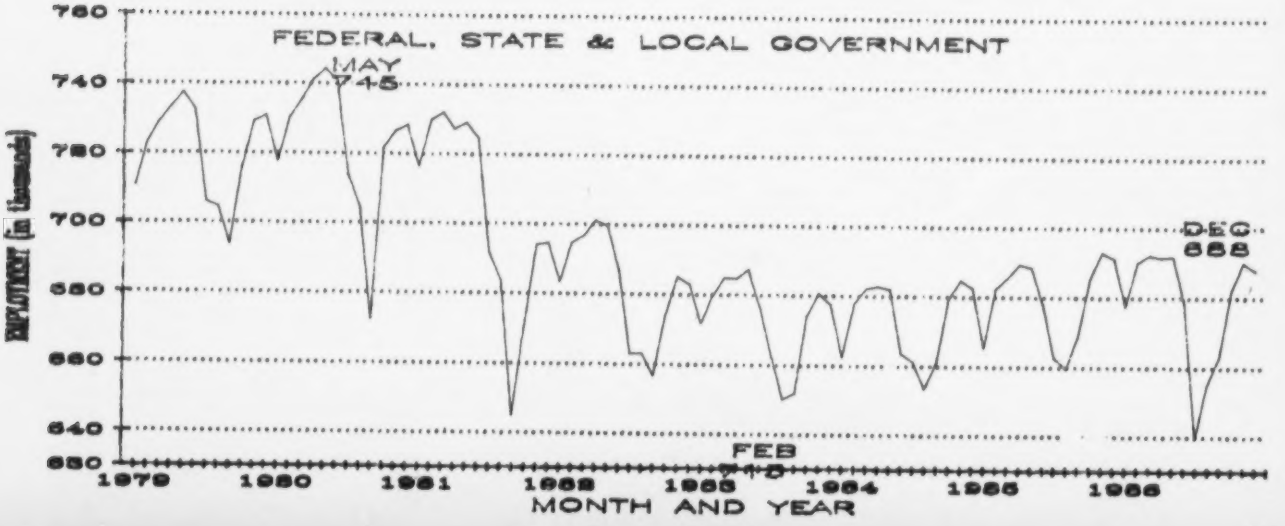


PENNSYLVANIA ECONOMIC INDICATORS

ESTABLISHMENT EMPLOYMENT

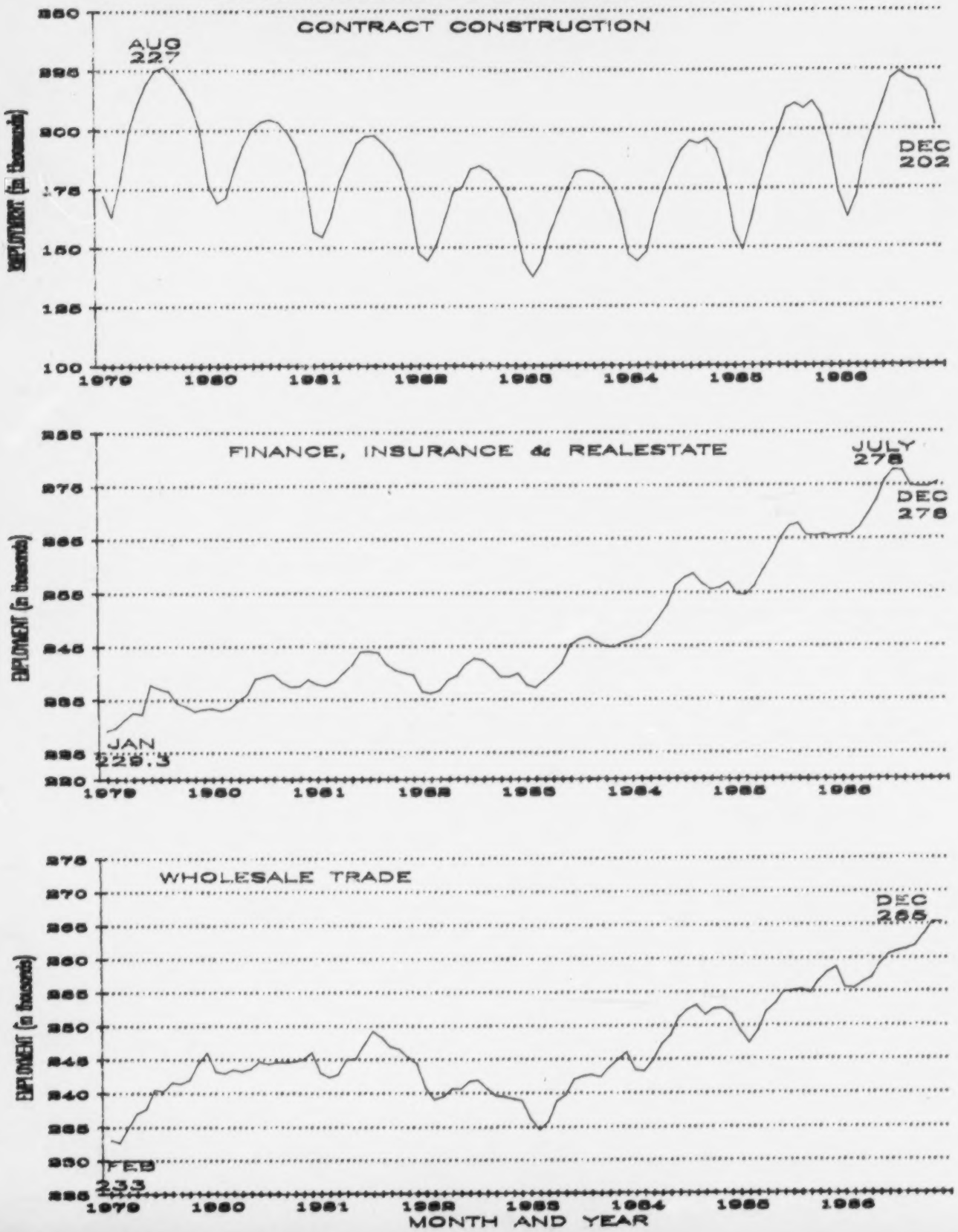






PENNSYLVANIA ECONOMIC INDICATORS

ESTABLISHMENT EMPLOYMENT



PENNSYLVANIA ECONOMIC INDICATORS
NOT SEASONALLY ADJUSTED